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Bleaching pulp with hydrogen peroxide and Rongalite - used for treating
e.g. chemical pulp and used paper

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Patent Family:

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JP 52148203	A	19771209				197804 B
JP 78029722	B	19780823				197837

Priority Applications (No Type Date): JP 7663889 A 19760601

Abstract (Basic): JP 52148203 A

Unbleached pulp is bleached with Rongalite after bleaching with H₂O₂. Other known bleaching process is pref. combined with this bleaching step. Unbleached or half-bleached pulp pretreated with hypochlorite pref. is used as the pulp material. Unbleached or half-bleached chemical pulp, half-chemical pulp such as SCP and CGP and regenerated pulp such as crashed pulp and used paper are effectively bleached. In an example 100 g of half-chemical pulp having 30 whiteness were bleached with H₂O and Rongalite as follows. Pulp was sep'd. with adding water and added 2% of H₂O₂ further added NaOH at pH 10-11 and maintained at 55 degrees C for 1 hr. To pulp treated with H₂O₂ was added 2% of Rongalite and maintained at 70 degrees C for 1 hr. to give pulp having 55 whiteness. The regenerated pulp and semi-bleached pulp were bleached in the similar process and to elevate 10-30 of whiteness.

Derwent Class: F09

International Patent Class (Additional): D21C-009/16